

DET 34 ANDT

Claims

1. A signalling pocket device to signal the set administering time point of medicines for a user, comprising:
  - 5 a house (10);  
a data input unit (40) placed in a wall of the house (10),  
the data input unit (40) including switching elements, in  
particular push buttons, directly operateable at the  
signalling pocket device by the user;
  - 10 a multi-line display unit (60) contained in the house (10);  
a memory unit (30) contained in the house (10);  
an alarm part-unit (50) contained in the house (10);  
a control unit (20) contained in the house (10) and in  
connection with the data input unit (40), the display unit  
15 (60), the memory unit (30) and the alarm part-unit (50); and  
a power supply (70) contained in the house (10);  
wherein the control unit (20) has a counting part-unit (21).  
and a comparison part-unit (22);  
wherein the memory unit (30) includes a basic storage  
20 register (31) being pre-programmed on manufacture with  
instructions, letters and numbers, a personal data storage  
register (32) for storing the user's personal data and a time  
data storage register (33) for storing administering data for  
the user's medicines, the personal data storage register (32)  
25 and the time data storage register (33) being random access  
memories;  
wherein the switching elements of the data input unit (40)  
include a function select component (41), a scrolling  
component (42) and an acknowledgement component (43), and  
30 wherein the data input unit (40) is adapted to program the  
personal data storage register (32) and the time data storage  
register (33) on basis of the instructions, letters and

numbers stored in the basic storage register (31) and input by the user via the switching elements; wherein the alarm part-unit (50) has a sound signalling component (51), a warning light signalling component (52) and a vibrational signalling component (53), and is settable for an operation of the sound signalling component (51), the warning light signalling component (52) and the vibrational signalling component (53) independently of each other or at the same time;

5       wherein the alarm part-unit (50) and the display unit (60) are controlled by the control unit (20), when the set administering time point of a medicine is reached, to give alarm for a predetermined period and to display a previously programmed record about the medicines to be taken,

10      respectively; and wherein the alarm part-unit (50) and the display unit (60) are controlled by the control unit (20), if the set administering time point of medicines for the user is not acknowledged via the acknowledgement component (43) and when

15      a predetermined number of repetitions of warning signals appeared, to operate the sound signalling component (51) at its highest volume and the warning light signalling component (52) and the vibrational signalling component (53) simultaneously as a general alarm, and to display the

20      personal data of the user stored in the personal data storage register (32), respectively.

2. The signalling pocket device according to claim 1, characterised in that the power source (70) is coupled to a supplementary energy store (71) contained in the house (10) for supplying power to the signalling pocket device even if the power source (70) is empty to guarantee that the user is safely signalled.

3. The signalling pocket device according to claim 1 or 2,  
characterised in that the house (10) is fitted with a fixing  
component (80), and the fixing component (80) is connected to  
5 the alarm part-unit (50) for signalling unauthorised removal  
of the signalling pocket device.

4. The signalling pocket device according to any of claims  
1-3, characterised in that the switching elements of the data  
10 input unit (40) further include a delete component (44), a  
data fetching component (45) and a start component (46).